

1 / 8

```

X P X X R X G R C X C I S X X X X V X Majority
-----+-----+
              10              20
-----+-----+
1 V P L S R T G R C T C I S I S N Q P V N IP 10 consensus seq
1 F P M F R R G R C L C I S P G V K A V K iTAC-CXC11 consensus seq
1 T P V V R K G R C S C I S T N Q G T V H MIG consensus seq

X X S L E K L X I X X P S X X C X K I E Majority
-----+-----+
              30              40
-----+-----+
21 P R S L E K L E I I P P S Q F C P K I E IP 10 consensus seq
21 V A S L E K L S I M Y P S N N C D K I E iTAC-CXC11 consensus seq
21 L Q S L E K L K I F A P S P S C E K I E MIG consensus seq

I I A T L K K N G X Q R C L N P X S K X Majority
-----+-----+
              50              60
-----+-----+
41 I I A T L K K N G E Q R C L N P E S K A IP 10 consensus seq
41 I I A T L K K N G G Q R C L N P K S K Q iTAC-CXC11 consensus seq
41 I I A T L K K N G V Q R C L N P D S K D MIG consensus seq

X K X L I K K - - - - - Majority
-----+-----+
              70              80
-----+-----+
61 I K N L I K K - - - - - IP 10 consensus seq
61 A K L L I K K - - - - - iTAC-CXC11 consensus seq
61 V K E L I K K W E K Q V S Q K K K Q K N MIG consensus seq

- - - - - V X R X X X Majority
-----+-----+
              90              100
-----+-----+
68 - - - - - V S R E M S IP 10 consensus seq
68 - - - - - V E R - - - iTAC-CXC11 consensus seq
81 G K K H Q K K K V L K V R K V Q R S R Q MIG consensus seq

K K X X
-----
Majority (SEQ ID NO: 11)

-----
74 K K S P IP 10 consensus seq (SEQ ID NO: 01)
71 K K N F iTAC-CXC11 consensus seq (SEQ ID NO: 02)
101 K K T T MIG consensus seq (SEQ ID NO: 03)

```

FIG. 1

3 / 8

FIG. 3

MKKSGLFLGLLVLIGVQGFPMFKRGRCL
CIGPGVKPVNPRSLEKLEIIPASQFCPRIEIIAT
LKNGVQTCLNPD SKQARLIKKVSKEMSKRS
P (SEQ ID NO: 15)

4 / 8

FIG. 4

MNQTAILICCLIFLTLSGIQGVPLSRTVRCCLCIGPG
VKAVKVADIEKASIMYPNNCDKIEIIATLKNGVQ
TCLNPDSADVKELIKKEKQVSQKKKQKNGKKH
QKKKVLKVRKSQRSRQKKTT (SEQ ID NO: 16)

FIG. 5

MNQTAILICCLIFLCATVVQGFP
MFKRGRCLCIGPGVKAVKVADIEK
ASIMYPSNCDKIEVIITLKENKG
QRCLNPKSADVKELIKKEKQVS
QKKKQKNGKKHQQKKVLKVRKS
QRSRQKKTT (SEQ ID NO: 17)

FIG. 6

MNQTAILICCLIFLTLSGIQGVPLSRTVRC
TCISISNQAVKVADIEKASIMYPSNNCDKI
EVIITLKENKGQRCLNPKSKQARLIKKE
KQVSQKKKQKNGKKHQKKKVLKVRKSQ
RSRQKKKT (SEQ ID NO: 18)

FIG. 7

MNQTAILICCLIFLTLSGIQGFPMFKRGRCSCIST
NQGTHLQSLKDL EIPASQFCPRI EVIITLK ENK
GQRCLNPKSKQARLIKK EKQVSQKKKQKN GK
KHQKKKVLKVRKSQR SRQKKT T (SEQ ID NO: 19)

FIG. 8

MSVKGMAIALAVILCATVIQGVPLSRTVRC TCISIN
QTIHLQSLKDLKQFAPSPCEKVEIIATMKKKG EKR
CLNPESKQARLIKKVSKEMSKRSP (SEQ ID NO:20)